



**PE 2708
YELLOW GAS PIPE**

FORM NO. 161-YG SPECIFICATIONS
PRICES ARE LISTED ON FORM MLP-1.
PLEASE ORDER BY PART NUMBER.

DECEMBER, 2014



YELLOW GAS PIPE YG - IPS	SIZE	SDR	O.D.	MIN. WALL	WEIGHT PER 100'	COIL LENGTHS	PART NO.
	WHITE LABEL/BLACK PRINT	1/2"	9.3	.840	.090	9.13	100
150							27005
500							27010
3/4		11	1.050	.095	12.25	100	27118
						150	27120
						500	27125
1		11	1.315	.120	19.37	100	27128
						150	27130
						500	27135
1 1/4	11	1.660	.151	30.81	100	27138	
					150	27140	
					500	27145	
1 1/4	10	1.660	.166	33.53	150	27150	
					500	27155	
1 1/2	11	1.900	.173	40.44	100	27158	
					150	27160	
					500	27165	
2	11	2.375	.216	63.10	100	27170	
					150	27172	
					500	27175	

YELLOW GAS TUBING YG - CTS	1/2"	7	.625	.090	6.44	150	27705
						500	27710
	1	11	1.125	.101	13.99	100	27738
						150	27740
						500	27745
WHITE LABEL/BLACK PRINT							

CRESLINE POLYETHYLENE GAS CONFORMS TO PE 2708, ASTM D 2513.

CRESLINE PLASTIC PIPE CO., INC.

600 Cross Pointe Blvd.
264 Silver Spring Rd.
2100 South 35th St.
3801 East Hwy. 31

Evansville, IN 47715
Mechanicsburg, PA 17050
Council Bluffs, IA 51501
Corsicana, TX 75109

812-428-9350
717-666-2566
712-322-2294
903-872-8475

www.cresline.com

Fax 812-428-9353
Fax 717-697-2371
Fax 712-322-6673
Fax 903-872-7732

CRESLINE YELLOW PE GAS PIPE AND TUBING IS MANUFACTURED AND RATED ACCORDING TO THE FOLLOWING:

STANDARDS AND GUIDELINES

ASTM D 2513
 ASTM D 3350
 ASTM D 678

CODE OF FEDERAL REGULATIONS, U.S. DEPT. OF TRANSPORTATION PIPELINE SAFETY REGULATIONS TITLE 49, PART 192

MATERIAL LISTED IN PPI - TR4

PE 2708 YELLOW GAS PIPE			
PROPERTIES	ASTM TEST	ENGLISH UNITS	SI UNITS
CELL CLASSIFICATION	D 3350	234333E	234433E
MELT INDEX	D 1238		0.20g/10 MIN
DENSITY (YELLOW)	D 1505		0.943 g/cc
TENSILE STRENGTH AT YIELD (2 IN/MIN)	D 638	2,800 PSI	19.3 Mpa
TENSILE STRENGTH AT BREAK (2 IN/MIN)	D 638	4,500 PSI	31.0 Mpa
NOTCH TENSILE (PENT)	F 1473	> 100 HRS	> 100 HRS
ELONGATION AT BREAK (2 IN/MIN)	D 638	> 800 %	> 800 %
VICAT SOFTENING POINT	D 1525	248 DEGREES F	120 DEGREES C
FLEXURAL MODULUS	D 790	100,000 PSI	690 Mpa
THERMAL STABILITY	D 2513/D 3350	428 DEGREES F MIN	220 DEGREES C MIN
BRITTLINESS TEMPERATURE	D 746	< 180 DEGREES F	< 118 DEGREES C
ENVIRONMENTAL STRESS CRACK RESISTANCE	D 1693	> 5,000 HRS	> 5,000 HRS
NOTCHED IZOD IMPACT STRENGTH	D 256	10 FT-LBF/IN	0.53 KJ/m
HYDROSTATIC DESIGN BASIS @ 23 DEGREES C	D 2837	1250 PSI	8.6 MPa

PLEASE CONSULT THE FOLLOWING REFERENCES FOR RECOMMENDED INSTALLATION METHODS:

- AMERICAN GAS ASSOCIATION PLASTIC PIPE MANUAL FOR GAS SERVICE
- CODE OF FEDERAL REGULATIONS, TITLE 49, SUBCHAPTER D
- PLASTIC PIPE INSTITUTE TR33

PLEASE REFER TO PLASTIC PIPE INSTITUTE TR22 WHEN USING THIS PRODUCT FOR TRANSPORTATION OF PROPANE GAS.

MAXIMUM OPERATING PRESSURES FOR PE 2708 YELLOW GAS PIPE	
SDR	73.4 DEGREES F
7	100 PSI
9.3	96 PSI
10	88 PSI
11	80 PSI

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